

# Converting Colors

RGB(215, 217, 216)

Have a look what the booklet for  
RGB(215, 217, 216) contains.

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# **Color**

**RGB(215, 217, 216)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7D9D8
RGB	215, 217, 216
RGB Percent	84%, 85%, 85%
CMY	0.1569, 0.1490, 0.1529
CMYK	0.01, 0.00, 0.00, 0.15
HSL	150°, 3%, 85%
HSV	150°, 1%, 85%
XYZ	65.2319, 69.0306, 74.8519
YIQ	216.2880, -0.8710, -0.7350

# Conversions

## Conversions Part 2

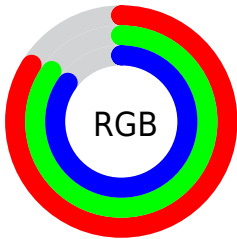
Format	Color
R <sub>Y</sub> B	215, 216, 217
Decimal	14146008
CIE Lab	86.52, -0.85, 0.24
CIE LCh	87, 0.888, 164.061
Yxy	69.0306, 0.3119, 0.3301
Android (android.graphics.Color)	4292336088 (0xFFD7D9D8)
YUV	216.2880, -0.1420, -1.1296
Hunter-Lab	83.0847, -5.2534, 4.7443

# Details

The RGB color **215, 217, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 215, 216**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **160, 162, 161** is the 20% darker color. If you saturate the color by 10%, you get **193, 217, 205**, and if you desaturate by 10%, it is **237, 217, 227**.

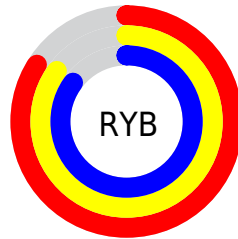
# Distribution



Red (84%)

Green (85%)

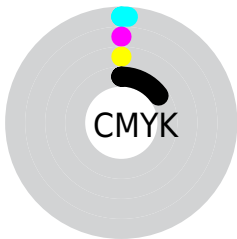
Blue (85%)



Red (84%)

Yellow (85%)

Blue (85%)

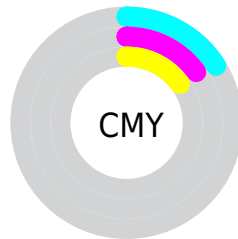


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 215, 217, 216 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 215, 217, 216 by changing the saturation by 10% instead.



■ 215, 217, 216

255, 255, 255

■ 215, 217, 216

■ 187, 189, 188

■ 160, 162, 161

■ 134, 136, 135

■ 109, 111, 110

■ 85, 86, 85

■ 61, 63, 62

■ 40, 41, 40

■ 19, 21, 20

■ 0, 0, 0

 215, 217, 216

 215, 217, 216

 193, 217, 205

 237, 217, 227

 172, 217, 194

 255, 217, 238

 150, 217, 183

 255, 217, 249


 128, 217, 173

 255, 217, 255

 107, 217, 162

 85, 217, 151

 63, 217, 140

 41, 217, 129

 20, 217, 118

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216, 217, 215



215, 217, 216



215, 217, 217

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215, 217, 216



216, 216, 218



218, 216, 215

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



215, 217, 216



217, 215, 216

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218, 216, 216



215, 217, 216



217, 216, 218

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215, 217, 216



215, 217, 218



218, 216, 217



218, 216, 215

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215, 217, 216



215, 217, 217



218, 216, 217



218, 216, 216



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



215, 217, 216

255, 255, 255



216, 217, 215



128, 128, 128



0, 0, 0

# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



215, 217, 216



252, 255, 254



215, 217, 217



109, 110, 109



0, 173, 87



0, 46, 23



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



217, 215, 216



255, 252, 254



217, 215, 215



110, 109, 109



173, 0, 87

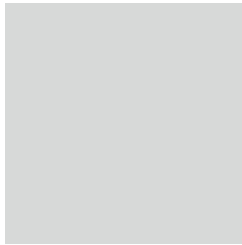


46, 0, 23



# Previews

## White Background



This preview shows how the RGB color 215, 217, 216 looks on a white background.

## Color Contrast Check

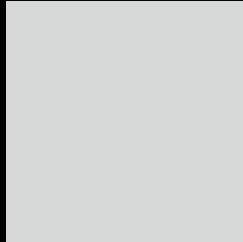
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 215, 217, 216 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

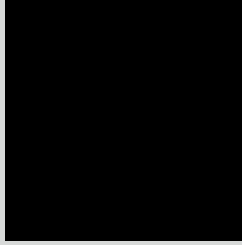
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

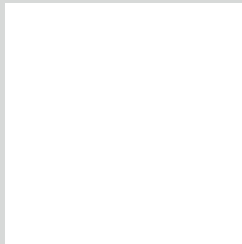
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## RGB 215, 217, 216 Background



This preview shows how black text looks on a background with the RGB color 215, 217, 216.



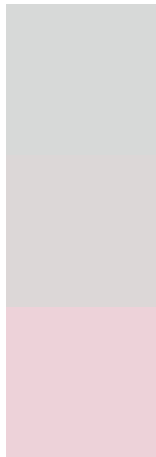
This preview shows how white text looks on a background with the RGB color 215, 217, 216.



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
215, 217, 216

**Protanopia**  
220, 215, 215

**Deuteranopia**  
237, 210, 217



**Tritanopia**  
217, 215, 232

# Trichromacy



**Original Color**

215, 217, 216

**Protanomaly**

218, 216, 215

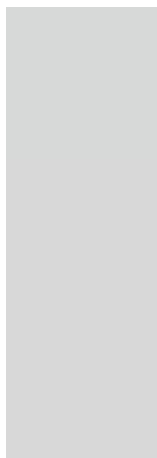
**Deuteranomaly**

229, 213, 217

**Tritanomaly**

216, 216, 226

# Monochromacy



**Original Color**

215, 217, 216

**Achromatopsia**

216, 216, 216

**Achromatomaly**

216, 216, 216

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 215, 217, 216 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(215, 217, 216) looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 216)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 217, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 216) }
```

## Border

The CSS property to change the border of an element to RGB 215, 217, 216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 217, 216) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(215, 217, 216) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(215, 217, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 216);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
216) }
```

# Background

The CSS property to change the background color of an element to RGB 215, 217, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 216) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
217, 216) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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